

Docket No. 220136US2/78

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Pascal CHEVALIER, et al.

SERIAL NO: 10/083,127

GAU: 2681

FILED: February 27, 2002

EXAMINER:

FOR: METHOD AND DEVICE FOR THE ESTIMATION OF A PROPAGATION CHANNEL FROM ITS STATISTICS

**INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references cited in the attached French Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☒ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

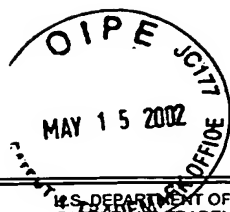
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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

220136US2

SERIAL NO.

10/083,127

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Pascal CHEVALIER, et al.

FILING DATE

February 27, 2002

GROUP

2681

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
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	AN						

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	A. DESMÉZIÈRES, et al., Proceedings of 1999 2nd Workshop on Signal Processing Advances in Wireless, pgs. 395-398, XP-002178929, "POLARIZATION IN SPACE-TIME PROCESSING FOR PROPAGATION CHANNEL IDENTIFICATION", May 9-12, 1999
	AX	M. CHENU-TOURNIER, et al., Proceedings of the 2000 IEEE Sensor Array and Multichannel Signal Processing, pgs. 12-16, XP-002179594, "A PARAMETRIC SPATIO-TEMPORAL CHANNEL ESTIMATION TECHNIQUE FOR FDD UMTS UPLINK", March 16-17, 2000
	AY	H. GAZZAH, et al., 2000 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol. 5, pgs. 2717-2720, XP-002179595, "A BLIND IDENTIFICATION ALGORITHM ROBUST TO ORDER OVER ESTIMATION", June 5-9, 2000
	AZ	L. TONG, et al., Proceedings of the IEEE, Vol. 86, No. 10, pgs. 1951-1968, XP-000859736, "MULTICHANNEL BLIND IDENTIFICATION: FROM SUBSPACE TO MAXIMUM LIKELIHOOD METHODS", October 1998

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**LIST OF RELATED CASES**

<u>Docket Number</u>	<u>Serial or Patent No.</u>	<u>Filing or Issue Date</u>	<u>Status or Patentee</u>
217245US2	10/020,934	12/19/01	PENDING
219031US2	10/060,249	02/01/02	PENDING
220136US2*	10/083,127	02/27/02	PENDING

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\*Present application; listed for information

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